

**Please provide solutions for below problem statements.
For each problem statement please create separate .ts file.**

1. Write a typescript program which contains one function named as Maximum. That function accepts three parameters and it should returns largest value from three input parameters.

Input : 23 89 6

Output : Maximum number is 89

2. Write a typescript program which contains one function named as Area. That function should calculate area of circle. Accept value of radius from user and return its area. Default value of PI should be 3.14 if it is not provided by the caller.

Input : 5

Output : Area of circle is 78.5

3. Write a typescript program which contains one function named as DisplayFactors. That function should accept one number and display factors of that number.

Input : 20

Output : 1 2 4 5 10

4. Write a typescript program which contains one function named as ChkPrime. That function should accept one number and it should return true if the given number is prime and otherwise return false.

Input : 11

Output : It is prime number

5. Write a typescript program which contains one function named as Fibonacci. That function accept one number from user and print Fibonacci series till that number.

Input : 21

Output : 1 1 2 3 5 8 13 21